

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Patent Application Transmittal

Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

22387 U.S. PTO  
10/670715  
09/25/03

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: David A. Luick

For: **REDUCTION OF CACHE MISS RATES USING SHARED PRIVATE CACHES**

**ASSIGNEE NAME: International Business Machines Corporation**

**ASSIGNEE RESIDENCE: Armonk, New York**

Enclosed are:

- ☒ 29 Pages of Specification and 1 Abstract  
☒ 3 Sheets of Drawings  
☒ A Declaration and Power of Attorney  
☐ An Information Disclosure Statement and form PTO-1449  
☐ A certified copy of  
☒ An Assignment of the invention to International Business Machines Corporation, Armonk, New York 10504 and Recordation form PTO-1595

The filing fee has been calculated as follows:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	42 - 20 =	22
Indep. Claims	1 - 3 =	4
<input type="checkbox"/> Multiple Dependent Claim Presented		

Other Than Small Entity

Rate	Fee
	\$ 750.00
x \$18.00=	396.00
x \$84.00=	336.00
\$280.00	\$ 0.00
<b>TOTAL</b>	<b>\$1,482.00</b>

## EXPRESS MAIL CERTIFICATE

Express Mail Label No.: ET747048464US

Date: September 25, 2003

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Debra A. Peterson*

Debra A. Peterson

Patent Application Transmittal  
Attorney Docket No.: ROC920030293US1

Deposit Account Authorization:

- ☒ Please charge Deposit Account No. 09-0465 in the amount of \$ 1,482.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. §1.16.
- ☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

DAVID A. LUICK

Date: September 25, 2003

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